

REMARKS

In response to the Office Action of April 19, 2004, without prejudice to refiling, claim 1 has been amended to incorporate the subject matter of allowable claim 11. Concurrently, claim 11 has been cancelled, claim 12 amended to depend from claim 1 (currently amended), and claim 14 amended to correct a typographical error (i.e., changing "man" to --means--). No amendment to claim 18 is necessary. As is evident from Attachment A (claims as originally filed), Attachment B (claims filed with the response to the Office Action of March 14, 2003) and Attachment C (claims filed in response to the Office Action of July 17, 2003), claim 18 has never been amended. In the claims included in the response to the Office Action of December 19, 2003, claims 18 and 19 were both inadvertently corrupted. The current amendment restores claims 18 and 19 to their correct form.

Formal drawings are enclosed.

Applicant has not stated or otherwise admitted that pages 2-28 of the provisional application of Snapp, et al. constitute an integrated patent application. Applicants' position is as stated on pages 6-7 and 9 of the previous response. Also, the copy of the file history obtained from the U.S. Patent and Trademark Office does not include drawings. While the Examiner has stated the provisional included drawings, no drawings were provided with the Office Action of April 19, 2004.

In view of the foregoing, it is submitted that the application is now in condition for allowance.

Respectfully submitted,

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Date 6/8/04

We claim:

1. (Previously Amended) An integrated compact, self contained surveillance unit, said unit comprising:
 - (a) housing means;
 - (b) sensor means attached to said housing means;
 - (c) means, attached to said housing, for determining the position of said unit;
 - (d) means, attached to said housing means, for sending communications from said unit;
 - (e) computer means attached to said housing means, said computer means connected to said sensor means, said position determination means, and said communication means; and
 - (f) image output means attached to said housing means and connected to said computer means.
2. (Original) The surveillance unit of claim 1, wherein said sensor means includes a sensor selected from the group including visible sensors, UV sensors, short wavelength infrared sensors and long wavelength infrared sensors.
3. (Original) The surveillance unit of claim 2, wherein said sensor means also includes uncooled focal plane array.
4. (Original) The surveillance unit of claim 1, wherein said position determination means includes GPS position determination means.
5. (Original) The surveillance unit of claim 4, further means for determining the motion of said unit.

6. (Original) The surveillance unit of claim 5, wherein said motion determination means is an accelerometer.
7. (Original) The surveillance unit of claim 6, further including means for determining direction.
8. (Original) The surveillance unit of claim 7, wherein said GPS position determination means is coupled to said accelerometer, said means for determining direction, said computer means and said communications means.
9. (Original) The surveillance unit of claim 4, wherein said position determination means also includes GLONASS position determination means, said GLONASS position determination means coupled to both said computer means and said communication means.
10. (Original) The surveillance unit of claim 1, wherein said communication means is bidirectional.
11. (Original) The surveillance unit of claim 10, wherein said communication means includes multi-mode patch antenna.
12. (Original) The surveillance unit of claim 10, wherein said communication means includes RF communication means.
13. (Original) The surveillance unit of claim 1, wherein said computer means includes digital signal processing means, field programmable gate array means, and memory means.
14. (Original) The surveillance unit of claim 1, further including temperature sensing means connected to said computer mans.
15. (Original) The surveillance unit of claim 1, further including power supply means.

16. (Original) The surveillance unit of claim 15, wherein said power supply means is a battery.

17. (Previously Amended) The surveillance unit of claim 1, wherein said image output means includes a heads up display which can be detached from said housing while remaining connected to said computer means..

18. (Original) The surveillance unit of claim 1, further including means for manipulating data by the user of said surveillance unit .

19. (Currently Amended). The surveillance unit of claim ~~18~~¹⁸, wherein said data information-manipulating means is a touchpad.